

Y2098-10901 Seq\_ST25.txt  
SEQUENCE LISTING

<110> Shi, Yigong  
<120> Compositions and Methods for Identifying Modulators of HAUSP  
<130> Y2098-10901  
<140> US 10/573,427  
<141> 2006-11-29  
<150> PCT/US2005/047572  
<151> 2005-12-30  
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Leu Pro Trp Lys Ile Met Val Met Pro Arg Phe Tyr Pro Asp Arg Pro  
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His Gln Lys Ser Val Gly Phe Phe Leu Gln Cys Asn Ala Glu Ser Asp  
50 55 60

Ser Thr Ser Trp Ser Cys His Ala Gln Ala Val Leu Lys Ile Ile Asn  
65 70 75 80

Tyr Arg Asp Asp Glu Lys Ser Phe Ser Arg Arg Ile Ser His Leu Phe  
85 90 95

Phe His Lys Glu Asn Asp Trp Gly Phe Ser Asn Phe Met Ala Trp Ser  
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Thr Arg Arg Cys His Glu Ser Ala Cys Gly Arg Thr Val Ser Leu Phe  
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Ser Pro Ala Phe Tyr Thr Ala Lys Tyr Gly Tyr Lys Leu Cys Leu Leu  
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Tyr Leu Asn Gly Asp Gly Thr Gly Lys Arg Thr His Leu Ser Leu Phe  
50 55 60

Ile Val Ile Met Arg Gly Glu Tyr Asp Ala Leu Leu Pro Trp Pro Phe  
65 70 75 80

Arg Asn Lys Val Thr Phe Met Leu Leu Asp Gln Asn Asn Arg Glu His  
85 90 95

Ala Ile Asp Ala Phe Arg Pro Asp Leu Ser Ser Ala Ser Phe Gln Arg  
100 105 110

Pro Gln Ser Glu Thr Asn Val Ala Ser Gly Cys Pro Leu Phe Phe Pro  
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Ser Pro Ala Phe Tyr Thr Ser Arg Tyr Gly Tyr Lys Met Cys Leu Arg  
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Ile Tyr Leu Asn Gly Asp Gly Thr Gly Arg Gly Thr His Leu Ser Leu  
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Phe Phe Val Val Met Lys Gly Pro Asn Asp Ala Leu Leu Arg Trp Pro  
65 70 75 80

Phe Asn Gln Lys Val Thr Leu Met Leu Leu Asp Gln Asn Asn Arg Glu  
85 90 95

His Val Ile Asp Ala Phe Arg Pro Asp Val Thr Ser Ser Ser Phe Gln  
100 105 110

Arg Pro Val Asn Asp Met Asn Ile Ala Ser Gly Cys Pro Leu Phe Cys  
115 120 125

Pro Val Ser Lys Met Glu Ala Lys Asn Ser Tyr Val Arg Asp Asp Ala  
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Ile Phe Ile Lys Ala Ile Val Asp Leu  
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Ser Gln Pro Phe Tyr Thr Gly Tyr Phe Gly Tyr Lys Met Cys Ala Arg  
35 40 45

Val Tyr Leu Asn Gly Asp Gly Met Gly Lys Gly Thr His Leu Ser Leu  
50 55 60

Phe Phe Val Ile Met Arg Gly Glu Tyr Asp Ala Leu Leu Pro Trp Pro  
65 70 75 80

Phe Lys Gln Lys Val Thr Leu Met Leu Met Asp Gln Gly Ser Ser Arg  
85 90 95

Arg His Leu Gly Asp Ala Phe Lys Pro Asp Pro Asn Ser Ser Ser Phe  
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Lys Lys Pro Thr Gly Glu Met Asn Ile Ala Ser Gly Cys Pro Val Phe  
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Val Ala Gln Thr Val Leu Glu Asn Gly Thr Tyr Ile Lys Asp Asp Thr  
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Ile Phe Ile Lys Val Ile Val Asp Thr Ser Asp Leu  
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Pro Ala Phe Tyr Thr His Lys Tyr Gly Tyr Lys Leu Gln Val Ser Ala  
35 40 45

Phe Leu Asn Gly Asn Gly Ser Gly Glu Gly Thr His Leu Ser Leu Tyr  
50 55 60

Ile Arg Val Leu Pro Gly Ala Phe Asp Asn Leu Leu Glu Trp Pro Phe  
65 70 75 80

Ala Arg Arg Val Thr Phe Ser Leu Leu Asp Gln Ser Asp Pro Gly Leu  
85 90 95

Ala Lys Pro Gln His Val Thr Glu Thr Phe His Pro Asp Pro Asn Trp  
100 105 110

Lys Asn Phe Gln Lys Pro Gly Thr Trp Arg Gly Ser Leu Asp Glu Ser  
115 120 125

Ser Leu Gly Phe Gly Tyr Pro Lys Phe Ile Ser His Gln Asp Ile Arg  
130 135 140

Lys Arg Asn Tyr Val Arg Asp Asp Ala Val Phe Ile Arg Ala Ala Val  
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Glu Leu Pro Arg Lys  
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Ser Gln Ser Phe Tyr Thr Ser Arg Cys Gly Tyr Arg Leu Cys Ala Arg  
 35 40 45

Ala Tyr Leu Asn Gly Asp Gly Ser Gly Arg Gly Ser His Leu Ser Leu  
 50 55 60

Tyr Phe Val Val Met Arg Gly Glu Phe Asp Ser Leu Leu Gln Trp Pro  
 65 70 75 80

Phe Arg Gln Arg Val Thr Leu Met Leu Leu Asp Gln Ser Gly Lys Lys  
 85 90 95

Asn Ile Met Glu Thr Phe Lys Pro Asp Pro Asn Ser Ser Ser Phe Lys  
 100 105 110

Arg Pro Asp Gly Glu Met Asn Ile Ala Ser Gly Cys Pro Arg Phe Val  
 115 120 125

Ala His Ser Val Leu Glu Asn Ala Lys Asn Ala Tyr Ile Lys Asp Asp  
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Thr Leu Phe Leu Lys Val Ala Val Asp Leu Thr Asp Leu  
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Gly Met His Leu Lys Cys Gln Glu Glu Glu Lys Pro Val Val Ile His  
 20 25 30

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Ser Pro Gly Phe Tyr Thr Gly Lys Pro Gly Tyr Lys Leu Cys Met Arg  
35 40 45

Leu His Leu Gln Leu Pro Thr Ala Gln Arg Cys Ala Asn Tyr Ile Ser  
50 55 60

Leu Phe Val His Thr Met Gln Gly Glu Tyr Asp Ser His Leu Pro Trp  
65 70 75 80

Pro Phe Gln Gly Thr Ile Arg Leu Thr Ile Leu Asp Gln Ser Glu Ala  
85 90 95

Pro Val Arg Gln Asn His Glu Glu Ile Met Asp Ala Lys Pro Glu Leu  
100 105 110

Leu Ala Phe Gln Arg Pro Thr Ile Pro Arg Asn Pro Lys Gly Phe Gly  
115 120 125

Tyr Val Thr Phe Met His Leu Glu Ala Leu Arg Gln Arg Thr Phe Ile  
130 135 140

Lys Asp Asp Thr Leu Leu Val Arg Cys Glu Val Ser Thr Arg Phe Asp  
145 150 155 160